

INTERNATIONAL SEARCH REPORT

Internal application No
PCT/IB 03/04562

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H01L31/10 H01L27/144

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 5 883 988 A (NORIMATSU MASAOKI ET AL) 16 March 1999 (1999-03-16) column 14, line 31 -column 36, line 56; figures 2-4A, 626A, 27A, 28A-32B, 34-36	1, 2, 7, 8 3, 4, 6
X A	EP 1 189 087 A (TRW INC) 20 March 2002 (2002-03-20) column 4, line 39 -column 12, line 13; claims 1-3, 7, 8; figures 1-4, 5C, 8A-10	1, 4, 8 6
A	US 6 410 941 B1 (SHANLEY CHARLES W ET AL) 25 June 2002 (2002-06-25) the whole document	1-10
A	US 2002/028045 A1 (YOSHIMURA TETSUZO ET AL) 7 March 2002 (2002-03-07) the whole document	1-10



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

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P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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G document member of the same patent family

Date of the actual completion of the international search

16 March 2004

Date of mailing of the international search report

23/03/2004

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Information on patent family members

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